Learning Design & Technology (MS)

Master of Science Degree Requirements

Code	Title	Hours
Core Courses		12
ECI 511	Introduction to Learning Design and Technology	
ECI 515	Cultural Investigations and Technical Representations in Education	
ECI 516	Design and Evaluation Of Instructional Materials	
ECI 517	Theoretical Foundations of Advanced Learning Environments	
Elective Courses	3	12
Select a minimum	12 credit hours of the following courses:	
ECI 502	Technology Program Evaluation	
ECI 512	Emerging Technologies for Teaching and Learni	ng
ECI 513	Video for Teaching and Learning	
ECI 514	Developing and Delivering Online Instruction	
ECI 518	Digital Learning Program and Staff Development	t
ECI 519	Special Problems in Learning Design and Technology	
ECI 721	Technology and Informal Learning Environments	6
ECI 722	Theory and Research in Distance Education	
Research Metho	ds / Thesis Courses	12
Select a minimum	12 credit hours of the following courses:	
ECI 510	Research Applications In Curriculum and Instruction	
ECI 586	Introduction to Learning Analytics	
ECI 587	Machine Learning in Education	
ECI 588	Text Mining in Education	
ECI 589	Social Network Analysis in Education	
ECI 695	Master's Thesis Research	
ST 511	Statistical Methods For Researchers I	
Total Hours 36		

Accelerated Bachelor's/Master's Degree Requirements The Accelerated Bachelors/Master's (ABM) degree program allows

exceptional undergraduate students at NC State an opportunity to complete the requirements for both the Bachelor's and Master's degrees at an accelerated pace. These undergraduate students may double count up to 12 credits and obtain a non-thesis Master's degree in the same field within 12 months of completing the Bachelor's degree, or obtain a thesisbased Master's degree in the same field within 18 months of completing the Bachelor's degree.

This degree program also provides an opportunity for the Directors of Graduate Programs (DGPs) at NC State to recruit rising juniors in their major to their graduate programs. However, permission to pursue an ABM degree program does not guarantee admission to the Graduate School. Admission is contingent on meeting eligibility requirements at the time of entering the graduate program.

Full Professors

Florence Martin

Kevin M. Oliver

Associate Professors

Deniz Eseryel

Chu-Jen Huang

Assistant Professors

Shiyan Jiang

Daniela Castellanos Reyes

Practice/Research/Teaching Professors

Shaun B. Kellogg

Julia O'Neal McKeown

Heather Purichia

Mark Justin Samberg